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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Nolan

Serial No.: 10/549,961

Filed: September 16, 2005

Attorney Docket No.: 03-40062-US-1

Examiner: To Be Determined

**TITLE: METHOD AND
COMPOSITION FOR PREVENTING,
REDUCING AND REVERSING
OCULAR ISCHEMIC NEURONAL
DAMAGE**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The above-identified Applicant submits herewith references, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. Form PTO-1449, attached hereto, lists the references of which Applicant is aware, and which may be material to the examination of this application. Copies of the non-patent references are included with this Information Disclosure Statement.

While the information cited in this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. § 1.56, the filing of these references should not be construed to be an admission that any patent, publication or other information referred to herein is, or is considered to be, either "prior art" for this invention or otherwise material to the patentability of this invention as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

It is believed that this Information Disclosure Statement is being filed prior to the mailing date of the first Office Action on the merits in the application and pursuant to 37 C.F.R. § 1.97(b)(3). However, in the event that there is any fee due or overpayment credited, the Commissioner is hereby authorized to charge fees and credit overpayment to Deposit Account No. 18-0586.

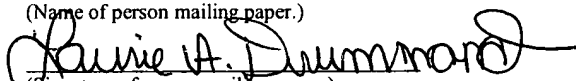
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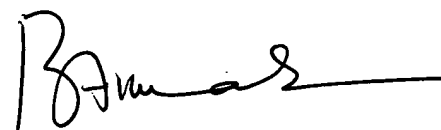
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(Name of person mailing paper.)



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Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) U.S. PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	ATTY. DOCKET NO. 03-40062-US-1	SER. NO. 10/549,961
	APPLICANT Nolan	
	FILING DATE September 16, 2005	GROUP 1614

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Patent Number	Issue Date	Patentee	Class/ Subclass	Filing Date
	AA	6,273,092	08/14/2001	Nolan		
	AB	5,288,735	02/22/1994	Trager et al.		
	AC	4,490,379	12/25/1984	Podos		
	AD	4,977,176	12/11/1990	Amstutz et al.		
	AE	5,778,893	07/14/1998	Potter		
	AF	6,313,155	11/06/2001	Sponsel		
	AG	5,704,369	01/06/1998	Scinto et al.		
	AH	2002/0035624 A1	03/21/2002	Kararli et al.		
	AI	2002/0107238 A1	08/08/2002	Bandyopadhyay et al.		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Cite No.	Document Number	Publication Date	Country or Patent Office	Class/ Subclass	Translation Yes/No
	BA					

OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner Initial	Cite No.	
	CA	Plamondon, "Spectacular Treatment of the Thrombosis of the Central Retina Vein by Means of an Echothiophate Collyrium (Phospholine Iodide)", LAVAL MEDICAL, vol. 31, no. 2, February 1961, pp. 178-181. (w/English language translation)
	CB	Vukceovich, M.D., et al., "Echothiophate and Flat Anterior Chambers", ANNALS OF OPHTHALMOLOGY, August 1974, pp. 829-831.
	CC	Zegarra, M.D., et al., "Partial Occlusion of the Central Retinal Vein", AMERICAN JOURNAL OF OPHTHALMOLOGY, vol. 96, no. 3, September 1983, pp. 330-337.
	CD	DATABASE MEDLINE Online US National Library of Medicine (NLM), Bethesda, MD, US; February 1961 (1961-02), Plamondon M: "Spectacular Treatment of Thrombosis of the Central Vein of the Retina with an Echothiophate Collyrium (phospholine iodide)." XP002351188, Database Accession No. NLM13736196; Classification of Application: A61K31/66
	CE	& LAVAL MEDICAL Feb. 1961; vol. 31; February 1961 (1961-02) pages 178-182; ISSN.: 0023-9046; (abstract)
	CF	DATABASE BIOSIS Online Biosciences Information Service, Philadelphia, PA, US; 1974; Vukceovich W M et al.: "Echothiophate and Flat Anterior Chambers" XP002351189; Database Accession No.: PREV197764064667 (abstract) & ANNALS OF OPHTHALMOLOGY, vol. 6, no. 8, 1974, pages 829-831, ISSN: 0003-4886
	CG	LAM T T et al.: "Clearance of S-(3-amino-2-hydroxypropyl) Phosphorothioate (WR-77913) in Rats" Experimental Eye Research, 1991, United Kingdom, vol. 52, no. 6, 1991, pages 661-667, XP002351185, ISSN.: 0014-4835 (abstract)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Page 1 of 3

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OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner Initial	Cite No.	
	CH	Adams AJ, Chromatic and luminosity processing in retinal disease, Am J Optom Physiol Opt 1982 Dec; 59 (12) : 954-60
	CI	Bowman KJ, The clinical assessment of colour discrimination in senile macular degeneration, Acta Ophthalmol (Copenh) 1980 Jun; 58 (3) : 337-46
	CJ	Bowman KJ, The relationship between color discrimination and visual acuity in senile macular degeneration, Am J Optom Physiol Opt 1980 Mar; 57 (3) : 145-8
	CK	Bresnick et al., Autosomal dominantly inherited macular dystrophy with preferential short-wavelength sensitive cone involvement, Am J Ophthalmol 1989 Sep 15; 108 (3) : 265-76
	CL	Cheng et al., Visual losses in early age-related maculopathy, Optom Vis Sci 1993 Feb; 70 (2) : 89-96
	CM	Chu et al., Clinical studies of color vision with Gunkel's chromagraph, Arch Ophthalmol 1983 Aug; 101 (8) : 1232-5
	CN	Fishman et al., Color vision defects in retinitis pigmentosa, Ann Ophthalmol 1981 May; 13 (5) : 609-18
	CO	Zrenner et al., Cone function and cone interaction in hereditary degenerations of the central retina, Doc Ophthalmol 1986 Jan 31; 62 (1) : 5-12
	CP	Physicians' Desk Reference, 29 edition, 2001, pp. 321-323.

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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Page 2 of 3

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OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner Initial	Cite No.	
	CQ	Holz, et al., Colour contrast sensitivity in patients with age-related Bruch's membrane changes, Ger J Optalmol 1995 Nov; 4 (6A): 336-41
	CR	Kellner et al., Hereditary macular dystrophies, Ophthalmol 1998 Sep 95; (9): 597-601
	CS	Mantyjarvi M., Color vision in Stargardt's disease, Int Ophthalmol 1992 Nov; 16 (6): 423-8
	CT	Minato H., Color vision defects of macular diseases; Nippon Ganka Gakkai Zasshi 1991 Apr; 95 (4) : 354-62
	CU	Smith et al., Color matching and the Stiles-Crawford effect in observers with early age-related macular changes, J Opt Soc Am A 1988 Dec; 5 (12) : 2113-21
	CV	Swanson et al., Color matches in diseased eyes with good acuity: detection of deficits in cone optical density and in chromatic discrimination, J Opt Soc Am A 1995 Oct; 12 (10) 2230-6
	CW	Cohen, Management of Errors of Refraction with Echothiophate Iodide, Surgery For Ectropion 1966 August; Vol. 62 (2); 303-312.

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